

Application Serial No. 10/758,263
Amendment dated January 18, 2005 (Tuesday after M.L.K. Day)
Reply to Office action of November 17, 2004

REMARKS

Claims 39 through 79 are pending in this application. Claims 1 through 38 are cancelled herein. Claims 39 through 79 are added herein. Support for the new claims may be found in the claims as originally filed, as well as at page 16, lines 10-11 of the text which disclose that this system of the present invention is a variable speed control apparatus, page 10, lines 13-19 disclose that it has a characteristic of a constant power horse transmission for a heavy load, and page 10, line 21-page 11, line 5, page 12, line 15-17 and page 13, line 19–page 14, line 1 disclose that it is applied mainly to a vehicle or the like. Reconsideration is requested based on the foregoing amendment and the following remarks.

Response to Election/Restriction Requirement:

The Applicant elects Group IV, which encompassed original claims 30 and 31, and Species A, which corresponded with the embodiment shown in Fig. 2, for examination on the merits.

New claim 39 corresponds substantially to original claim 30, was which identified in the Office action as belonging to Group IV. Furthermore, new claim 39 recites axial torque control of both input and output pulleys into a higher transmitting efficiency, which is cited in the Office action as the distinguishing characteristic of group IV. New claim 39, as well as new claims 40 through 50 and 58 dependent thereon, is thus believed to belong to Group IV.

New claim 51 recites axial torque controls of input and output pulleys to perform a higher transmission efficiency as well. New claim 51, as well as new claims 52 through 57 dependent thereon, is thus also believed to belong to Group IV.

The feature of the new claim 39 resides in that a compound compressing device is provided with either input pressure application device or output pressure application device, a pressing force supply path and a semi-elastic force supply path are arranged, and thereby the transmission efficiency of low speed area and/or high speed area is improved by both axial torque controls of a semi-elastic force and an elastic force.

Further the feature of the new claim 51 resides in that compound compressing devices are provided with both input and output pressure application devices, respectively and thereby the transmission efficiency of low speed area and/or high speed area is improved at a forward

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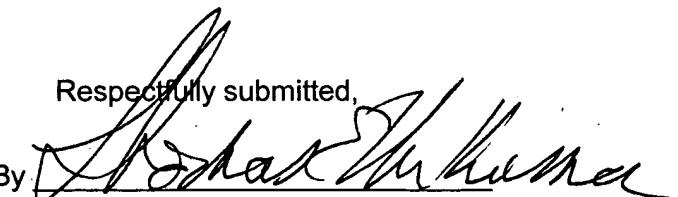
mode transmission device and a reverse mode transmission device. In other words, the system of the new claim 39 is provided therewith at either input side or output side, while that of the new claim 51 is provided therewith at both input and output sides. Therefore the subject matter of the new claim 39 is related with that of the new claim 51. Therefore these new claims 39 and 51 cannot be separated mutually.

Further the new independent claims 59, 67 and 76 are related with each other, and have a common technical problem that the transmission band can be magnified by switching two transmission devices with different modes. Furthermore, page 16, lines 10-11 of the text disclose that this system of the present invention is a variable speed control apparatus, page 10, lines 13-19 disclose that it has a characteristic of a constant power horse transmission for a heavy load, and page 10, line 21-page 11, line 5, page 12, line 15-17 and page 13, line 19-page 14, line 1 disclose that it is applied mainly to a vehicle or the like.

Conclusion:

In summary, new claims 39 through 50 and 51 through 58 are believed to belong to elected Group IV, and are thus eligible for examination on the merits.

Please charge any fee or credit any overpayment pursuant to 37 C.F.R. §§1.16 or 1.17 to Deposit Account No. 02-2135.

Respectfully submitted,
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